

SYNAPTIPHILUS CANU & CUÉNOT, 1892 (CRUSTACEA, COPEPODA):
PROPOSED PRESERVATION UNDER THE PLENARY POWERS.
Z.N.(S.) 1664

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The present application concerns a genus of Cyclopoid Copepod—an ectoparasite of synaptids—*Synaptiphilus* Canu & Cuénot, 1892 (in Cuénot, 1892). This genus, well-established and widely accepted, has been used in the following works:

- Canu, E. & Cuénot, L. in Cuénot, 1892, *Rev. Biol. Nord France* 5 : 19, 21–22
Canu, E., 1894, *Ann. Stat. Aquicult. Boulogne* 2 : 14, 20–22
Scott, T. & A., 1897, *Ann. Mag. nat. Hist.* (6) 2 : 492–493
Scott, T., 1901, *Ann. Rep. Fish. Bd. Scotland* 19 (3) : 251
Cuénot, L., 1912, *Bull. Stat. Biol. Arcachon* 14 : 101–102
Cuénot, L., 1927, *Bull. Stat. Biol. Arcachon* 24 : 288
Wilson, C. B., 1932, *Bull. U.S. nat. Mus.* 158 : 596
Bocquet, C., 1952, *Bull. Soc. zool. France* 77 : 502
Bocquet, C. & Stock, J. H., 1957a, *Proc. Kon. nederl. Akad. Wetensch.* C60 : 213
Bocquet, C. & Stock, J. H., 1957b, *Proc. Kon. nederl. Akad. Wetensch.* C 60 : 679
Gotto, R. V., 1959, *Irish Nat. J.* 13 : 9
Stock, J. H., 1959, *Pubbl. Staz. Zool. Napoli* 31 : 63
Bocquet, C. & Stock, J. H., 1960, *Proc. Kon. nederl. Akad. Wetensch.* C 60 : 220, 224, 225, 227–229
Bocquet, C. & Stock, J. H., 1963, in *Océanogr. Mar. Biol., Ann. Rev.* 1, H. Barnes edit., (publ. Allen Unwin Ltd., London).

2. Dr. R. U. Gooding (Boston University, Biological Center) has kindly informed us of the existence of a genus *Colaceutes* Hartmann, 1856, described in a *Dissertatio inauguralis historico-naturalis* of the Université Frédéric Guillaume, edited in Berlin by Fr. Guil. Nietack. This work was doubtless printed in very small numbers and is not, to our knowledge, to be found in the libraries of the Netherlands and France. An example of the work has been found in the library of the U.S. National Museum and we have been able to examine a photocopy.

3. Although the description of the type-species *Colaceutes muelleri* was excellent for its time, this work, very ill-distributed, has fallen into neglect and there actually exists only one reference to *Colaceutes*: it is referred to by the inclusion of the genus in a dichotomous key by Wilson 1932 (see above), who elsewhere maintains the distinction from *Synaptiphilus* which figures in the same key.

4. There is no doubt at all that *Synaptiphilus* is a synonym of *Colaceutes* from the combination of the characters. Unhappily the type-species *C. muelleri* has never been seen again, and does not correspond to any of the known forms of *Synaptiphilus*. We are able to recognize three forms of

Synaptiphilus from the host of *C. muelleri* (*Labidoplax digitata*=*Oestergrenia digitata*): *S. cantacuzenei* B. & S., from Britain, an unpublished species from Banyuls and a unique example of a third from Naples, none of which corresponds to *C. muelleri*.

5. We request that the Law of Priority be moderated in its application to *Colaceutes*. The maintenance of this genus poses two different problems: one is the rarity of Hartmann's work; the second is posed by the absence of precise morphological data on the type-species of the genus. Moreover, *Synaptiphilus* has been rather widely used, and its etymology seems more appropriate than that of *Colaceutes*.

6. For the reasons given above, the International Commission is requested:

- (1) to use its plenary powers to suppress the generic name *Colaceutes* Hartmann, 1856, for the purposes of the Law of Priority but not for those of the Law of Homonymy;
- (2) to place the generic name *Synaptiphilus* Canu & Cuénot, 1892 (gender : masculine), type-species, by monotypy, *Synaptiphilus luteus* Canu & Cuénot, 1892, on the Official List of Generic Names in Zoology;
- (3) to place the specific name *luteus* Canu & Cuénot, 1892, as published in the binomen *Synaptiphilus luteus* (type-species of *Synaptiphilus* Canu & Cuénot, 1892) on the Official List of Specific Names in Zoology;
- (4) to place the generic name *Colaceutes* Hostmann, 1856 (suppressed under the plenary powers in (1) above) on the Official Index of Rejected and Invalid Generic Names in Zoology.